

20031228.qrp v03_n148.qrl.20031228

Date: Sun, 28 Dec 2003 19:03:12 EST
From: qrp-l@Lehigh.EDU
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: QRP-L digest 3148

QRP-L Digest 3148

Topics covered in this issue include:

- 1) [163954] Shack Extra
by "Brian Murrey" <brian@iquest.net>
- 2) [163955] Re: Frustrated Ham has idea?
by "George, W5YR" <w5yr@att.net>
- 3) [163956] Re: QRP-L digest 3147
by Jonathan <kc7fys@yahoo.com>
- 4) [163957] Re: Frustrated Ham has idea?
by "Goody K3NG" <k3ng@qrpis.org>
- 5) [163958] Ultimatic Iambic mode not extinct
by "David Porter" <aa3ur@comcast.net>
- 6) [163959] generator protection
by "n3drk" <n3drk@triad.rr.com>
- 7) [163960] eBay AT Sprint
by Lee Mairs <lmairs@direcway.com>
- 8) [163961] Re: Basic Keyer
by "Bill Linn" <wlinn@smgazette.com>
- 9) [163962] CANADA WINTER TEST
by "George Osier" <gosier@twcnny.rr.com>
- 10) [163963] Miniboosts Amplifier
by "Juan Ferrari" <puntrad@usa.net>
- 11) [163964] Elecraft XG1 Review by K7QO
by Chuck Adams <k7qo@commspeed.net>
- 12) [163965] Trimmer cap in XG1
by Chuck Adams <k7qo@commspeed.net>
- 13) [163966] Re: QRP-L digest 3147
by "Brian Murrey" <brian@iquest.net>
- 14) [163967] Re: Frustrated Ham has idea?
by "George, W5YR" <w5yr@att.net>
- 15) [163968] Old Rigs
by Karl Larsen <k5di@zianet.com>
- 16) [163969] 160m
by "sslyon" <sslyon@megalink.net>
- 17) [163970] Re: QRP-L digest 3147
by W2AGN <jsielke@pobox.com>
- 18) [163971] Re: eBay AT Sprint
by W2AGN <jsielke@pobox.com>
- 19) [163972] Re: Elecraft XG1 Review by K7QO

- by Ed Lawson <k1vp@grizzly.com>
20) [163973] Re: Basic Keyer
by Tom Severt <n2uhc@yahoo.com>
21) [163974] Re: Elecraft XG1 Review by K7QO
by "Larry - WA2DGD" <wa2dgd@comcast.net>
22) [163975] Re: QRP-L digest 3147
by "Tony Martin W4FOA" <w4foa@comcast.net>
23) [163976] Re: 10.104
by Tom Severt <n2uhc@yahoo.com>

Date: Sat, 27 Dec 2003 18:54:35 -0500
From: "Brian Murrey" <brian@iquest.net>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [163954] Shack Extra
Message-ID: <004601c3ccd4\$c897caf0\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

I got a new camera for Christmas so I have my old one for sale. I've used this to take close ups of my QRP projects for various web pics and articles. It has been an excellent camera.

It's a Fuji FinePx A201 - 2 Megapixels

In original box with all the paperwork, includes Smart Media for 16MB and 2 each of the 32MB modules. Also comes with USB cable to transfer pictures to your computer, AND a Fast Path floppy drive adapter that allows your PC to read the pictures from the floppy drive instead of the USB cable. This saves a lot of battery life.

The camera is in mint condx and works flawlessly.

2.0 Mega Pixels
1600 x 1200 Max Image file size
2.5X digital zoom
1.6 inch LCD display
USB port
Slow Synchro Flash capability for night time photos
Has Macro mode for closeups (3.1 inches to 5.1 inches)
Self Timer
Exposure Compensation
VE Vers 1.2 for Windows and Mac (Fuji software for camera)
Supports DPOF (Digital Order Print Format)
Automatic Flash (or can be set to manual)

and can also take 20 second movies

Can handle Smart Media cards up to 128MB in size.

32MB module can hold 152 images at 640 x 480, 79 images at 1280 x 960,
41 images in 1600 x 1200 pixals...in 24 bit color

Weights 5.1 oz without batteries. Takes two AA batteries, I have been
using rechargable NiMH in the thing with zero issues.

\$200 plus shipping

Thanks

```
=====
KB9BVN/QRP QRP-L 1540 QRP-ARCI 10223
39.558 N 86.095 W Johnson Co., Indiana
GRID: EM69WN - Elecraft K1 - Attic Dipole - 5w
Member of the ARRL - SOC #400
FISTS 5695 CC 764 FPQRP #-57
=====
```

```
-----
Date: Sat, 27 Dec 2003 17:59:04 -0600
From: "George, W5YR" <w5yr@att.net>
To: <kc8aon@juno.com>,
    "Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [163955] Re: Frustrated Ham has idea?
Message-ID: <010b01c3ccd5$6a2a18f0$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
    charset="iso-8859-1"
Content-Transfer-Encoding: 7bit
```

In fact, Rick, on each band higher than the design band for an EDZ, the
major lobes in the multi-lobed pattern will each show more "gain" than will
the major lobes in a half-wave dipole cut for that frequency and fed the
same power with the antenna in the same location.

That part of the reason why I have two of them mounted at right angles. On
40 they show a little directivity, a lot on 20 and on the higher bands,
having the ability to switch from one to the other allows all the nulls from
one to be filled by the lobes of the other. A win-win situation!

73, George W5YR

w5yr@att.net

----- Original Message -----

From: "Rick McKee" <kc8aon@juno.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 27, 2003 4:48 PM
Subject: Re: Frustrated Ham has idea?

<snip>

The lobes
> may not be pointing where you want them to, but they are still
> concentrated signals none the less ! That's why a Double Extended Zepp
> which is 5/8 wave per leg shows about 3 db of gain on its design
> frequency. Use the same antenna on a frequency that is higher than it's
> design frequency, and the gain goes up.
>

Date: Sat, 27 Dec 2003 16:07:25 -0800 (PST)
From: Jonathan <kc7fys@yahoo.com>
To: qrp-l@Lehigh.EDU
Subject: [163956] Re: QRP-L digest 3147
Message-ID: <20031228000725.33233.qmail@web10003.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

Hello, I'm building a Pixie2 here in Saint Paul, MN. Anybody know of a local place I could get a crystal for 7.040 to complete my parts? I could drive a ways to get it.
Drop me an email at kc7fys(at)yahoo.com if you can help.
Thanks,
kc7fys

Do you Yahoo!?
New Yahoo! Photos - easier uploading and sharing.
<http://photos.yahoo.com/>

Date: Sun, 28 Dec 2003 00:58:09 -0000
From: "Goody K3NG" <k3ng@qrpis.org>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [163957] Re: Frustrated Ham has idea?
Message-ID: <004001c3ccdd\$b93fa2e0\$0169a8c0@loyalsock>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

> You are missing one important concept; A WIRE ANTENNA IS JUST A WIRE
> ANTENNA. This concept applies to any single wire antenna. A G5RV, a
> Dipole fed with coax or open wire, a Windom, an Inverted V, an End fed
> wire, are all the same. They have exactly the same pattern at any
> frequency. The differences in them were all made to get a better feed
> or feed point impedance.

Really ? Try modeling all of these in Mininec. There's differences.

>
> Now, another heresy. All antennas have unity gain; ALL ANTENNAS,
> including that 17 element beam. The only way to get gain from an
> antenna is to add elements that modify the pattern.

Ummm, what ? A 17 element beam does have elements to modify the pattern (a reflector and directors). And the only antenna that has unity gain is the theoretical isotropic antenna, or am I missing something ?

> Oh, and BTW, a Vertical is no better than your wire. It has unity gain
> and is omnidirectional.

But a vertical can be better than a wire, depending on the radial system of the vertical and what height the dipole is at. A vertical can have a lower angle of radiation than a low wire antenna which would be better for DX. (I'm trying to follow the thread back, and I assume we are talking DX, right ?)

72
Goody
K3NG

Date: Sat, 27 Dec 2003 20:34:19 -0500
From: "David Porter" <aa3ur@comcast.net>
To: "Low Power Amateur Radio Discussion" <qrp-1@lehigh.edu>
Subject: [163958] Ultimatic Iambic mode not extinct
Message-ID: <NGBBICPOCLKMGIBGGBEA0EFDEDA.aa3ur@comcast.net>
MIME-Version: 1.0

Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

No, the Ultimatic mode is not dead, it is just hiding. It may even get added to the Super DSWK chip for the DSW's.

The mode, for those who don't know what it is, is simply that if you are sending dits and close both paddles, you now send dahs. If you are sending dahs, and close both paddles, you now send dits. That's it. Nothing more.

Why does anyone care? It seemed to me that the Ultimatic system made more "head sense" than iambic a or b. I can't seem to get my head around how to use mode a or b, but I can figure real quickly how, and how many letters, I can use with the Ultimatic mode. However, if I had to get my head around how to use a bicycle, I'd still be a pedestrian. While I still will hold out for Ultimatic, I believe that if I quit thinking about it and just sat down with the keyer for a while, I'd probably let the "head" in my fingers figure mode a or b out for me in no time at all.

Dave AA3UR

Date: Sat, 27 Dec 2003 21:48:08 -0500
From: "n3drk" <n3drk@triad.rr.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Subject: [163959] generator protection
Message-ID: <004301c3cccd\$06d2f570\$6400a8c0@n3drk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="Windows-1252"
Content-Transfer-Encoding: 7bit

I plan on doing some outdoor operating. This is not for qrp but with all the portable operations on here I will ask this question. I plan on using my Mark V with generator powered and the generator is my home generator capable of putting out 5500 Watts. What do I need to put into the line to ensure no surge or protect the radios electronics?

Thanks in advance

john

Date: Sat, 27 Dec 2003 22:51:01 -0500

From: Lee Mairs <lmairs@direcway.com>
To: qrp1 <qrp-1@Lehigh.EDU>
Subject: [163960] eBay AT Sprint
Message-ID: <014301c3ccf5\$d2304b20\$3b6d020a@J4>
MIME-version: 1.0
Content-type: text/plain; charset=iso-8859-1
Content-transfer-encoding: 7BIT

OK. Will the real winner of the eBay AT Sprint stand up and be recognized?

I'll bet Steve is wishing he had a few more of these jewels set aside...

73 de Lee

KM4YY/8

Date: Sat, 27 Dec 2003 19:50:37 -0800
From: "Bill Linn" <wlinn@smgazette.com>
To: <thomas_h_lewis@msn.com>,
"Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [163961] Re: Basic Keyer
Message-ID: <002101c3ccf5\$c22d2c20\$4670ef42@wa7tqk>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Check out Chuck Olson's PK series... Jackson Harbor Press

<http://jacksonharbor.home.att.net/ham.htm>

I have the PK Basic built into a 500 mW homebrew rig and it has the "Bug" function. I'm sure you could wire in an extra jack for a straight key using only the dah side in "bug mode." (Or just use the dah paddle sideways as many others do...)

Bill - W7WEL

[SMGazette.com E-mail is scanned for viruses by Declude Virus]
[Visit us on the web at SMGazette.com]

Date: Sat, 27 Dec 2003 23:03:19 -0500

From: "George Osier" <gosier@twcnny.rr.com>
To: "QRP-L" <qrp-l@lehigh.edu>
Subject: [163962] CANADA WINTER TEST
Message-ID: <00f501c3ccf7\$8799d520\$7401a8c0@twcnny.rr.com>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

160	0	0	0
80	0	0	0
40	6	54	2
20	7	54	5
15	3	40	3
10	5	42	2
6	0	0	0
2	0	0	0

Totals	21	190	12

Total QSO's = 21 , Total QSO Points = 190
Total Score: 2280 Points

Ran the test at 700 mw here with the Ten Tec Century 22 with Timewave DSP-9 filter and K1EL keyer..... antenna was a Half G5RV up 20 feet for 15 - 40 and a Cushcraft AR-10 Ringo vertical for 10 meters.....

I havent been feeling well since X-Mas Eve .. thought it was a cold then my wife got the same thing so Friday night I didnt do the test .. thought I would get up and do it during the day on Sat.

I wasnt feeling so hot today but started the test anyhow
Come around 6 o'clock I took my wife and myself to the local ER we have the FLU ... i was running a fever of 103 and the wife 101 F

We just got back around 10 mins ago .. what a fun day !!!

Oh well ... everyboby is ok and I did ok i guess ... hihi

73s

George Osier , N2JNZ

Date: Sun, 28 Dec 2003 04:46:00 -0000
From: "Juan Ferrari" <puntrad@usa.net>

To: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [163963] Miniboosts Amplifier
Message-ID: <002801c3ccfd\$7ef9d400\$8e494b43@puntana.com>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Hi Gang.

I am thinking in making / getting a Miniboosts Amplifier for my 20 and 40 mts rigs.

So:

- Is there someone that has one built or unbuilt and would like to sell it?
- Is there any picture of one finished, where I can get an idea of the size of the PCB and the component placement? or has someone the documents of the kit in digital form?

I will appreciate any additional info.

Please contact me off the list to save bandwidth.

72

Juan - KG4FSN

Date: Sun, 28 Dec 2003 05:29:27 +0000
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-1@lehigh.edu
Subject: [163964] Elecraft XG1 Review by K7QO
Message-ID: <5.2.1.1.0.20031228050914.00b35450@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

Received the XG1 Signal Generator kit in the US mail from Elecraft

<http://www.elecraft.com/>

I spent more time going to and from the workbench and getting photos than I did in building it. It is a beautiful kit and went together without a hitch.

I did make one mod that may be of interest to some of you. Instead of using the 3V Lithium Ion battery and holder I chose to use a 2 cell AA battery holder. In this way I can use two 2000mAh NiMH cells that cost me \$1.25 each. I wasn't interested in portability and worried about the additional weight and space on the workbench. I have not

priced the 3V Lithium Ion batteries and that wasn't really an issue.

I measured 2.89V applied to the kit and it did draw 2.57mA as measured with a new Web-Tronic DMM that I purchased for \$9.99 last week at Circuit Specialists in Phoenix. One of those I'll buy myself a present impulse things.... :-) It is the only meter that I have that has a 200uA scale which will come in handy for the Elmer160 course and some measurement of uP current drains under some conditions.

Any way with the two AA cells I figure over 500 hours of operation before I have to recharge and that will most likely be due to shelf life.

I dug out the old TenTec Argonaut V transceiver that I had packed away. It was going to WY in November for the ARRL CW SS contest but that trip got canceled the day before due to a winter storm moving through UT and into WY and making driving dangerous. There was a big multi-truck pileup during a white-out condition that occurred that day also. Bummer. I had not even unpacked the antennas, etc.

Upon power up the TenTec read exactly S9 with 50uV input from the XG1. TenTec advertises that they calibrate the S-meter before the rig leaves the factory. With 1uV output from the XG1 the S-meter shows exactly an S3 reading.

If you have a bunch of 40 meter rigs (and you can listen on the harmonics which I haven't tried yet), this is the kit that will allow you to compare receiver performance. And for a single rig compare audio output using different headphones which a lot of people need to do to see what is going on with the real cheap headphones and even some of the more expensive ones. Also to mark the QRP calling frequency on those homemade dials and to adjust LO to include the QRP frequency.

This is not a kit that you want to buy and put it unopened along with the other N (where N is large) unbuilt kits and you know who you are. :-) ;:-)

I am not an employee of Elecraft, but it would be a fun place to work.

I did try the XG1 as input to the Heathkit IM-2410 and found that it was not sensitive enough to read the frequency, but the Argonaut V with the TXCO shows 7.040MHz on the button. Also the Tektronix T932A 35MHz O'scope would not trigger either at 50uV in the 2mV scale with 1:1 input.

I have an accurate attenuator but haven't played with detecting minimal signals with any of the rigs yet. Saving that for a snowy day.

Check

<http://www.qsl.net/xg1.html>

for the photos. They are medium resolution with the Toshiba digital and about 100KB each, so those with the slower modems will just want to look at a couple. Enjoy.

FYI

Chuck Adams K7QO k7qo@commspeed.net
<http://www.qsl.net/k7qo> CP-60

Moving to Arizona? Please bring your own water.

Date: Sun, 28 Dec 2003 05:41:42 +0000
From: Chuck Adams <k7qo@commspeed.net>
To: qrp-l@lehigh.edu
Subject: [163965] Trimmer cap in XG1
Message-ID: <5.2.1.1.0.20031228053336.01d95e70@mail.commspeed.net>
Mime-Version: 1.0
Content-Type: text/plain; charset="us-ascii"; format=flowed

Gang,

I forgot to mention that the trimmer cap that Elecraft uses in the XG1 and I think it is the same mfgr that Elecraft uses for caps in the K-1 and other kits is a very nice one.

I'd like to find out the manufacturer and who has them in stock. I figure that they are not as cheap as the old green, yellow, black and red ones from Murata (sp?) but I'd spend the extra money to have them in my rigs.

Inquiring minds wanna know. I did look through the latest Digi-Key catalog and didn't see them there and I can't find my Mouser catalog right now.

dit dit

Chuck Adams K7QO k7qo@commspeed.net
http://www.qsl.net/k7qo CP-60

Moving to Arizona? Please bring your own water.

Date: Sun, 28 Dec 2003 00:56:02 -0500
From: "Brian Murrey" <brian@iquest.net>
To: <kc7fys@yahoo.com>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [163966] Re: QRP-L digest 3147
Message-ID: <00a901c3cd07\$469d3980\$02fea8c0@bjmw2k>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Mail order it from Doug Hendricks and the AmQRP club. I don't know how long it takes to get but the prices are perfect.

<http://www.amqrp.org/kits/crystals/index.html>

----- Original Message -----

From: "Jonathan" <kc7fys@yahoo.com>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 27, 2003 7:07 PM
Subject: Re: QRP-L digest 3147

> Hello, I'm building a Pixie2 here in Saint Paul, MN. Anybody know of a local place I
> could get a crystal for 7.040 to complete my parts? I could drive a ways to get it.
> Drop me an email at kc7fys(at)yahoo.com if you can help.
> Thanks,
> kc7fys
>
> -----
> Do you Yahoo!?
> New Yahoo! Photos - easier uploading and sharing.
> <http://photos.yahoo.com/>
>
>

Date: Sun, 28 Dec 2003 01:01:17 -0600
From: "George, W5YR" <w5yr@att.net>
To: <k3ng@qrpis.org>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [163967] Re: Frustrated Ham has idea?
Message-ID: <01da01c3cd10\$6599e0a0\$0401a8c0@PS>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Goody, I think that whoever you are quoting is emphasizing the fact that the antenna being a passive device can only radiate as much power as it receives. In that sense, it is a "unity gain" device.

Different antennas concentrate the radiated input power in different regions of space and hence produce a higher field strength in one region than in others. That is the conventional usage of the term "gain" in discussing antennas. But, from the quote's perspective, even the 17 element Yagi can radiate only the power it receives from the feedline; i.e., the total radiated power equals the total input power less any loss in the antenna structure. Hence his emphasis on "unity gain" for such an antenna.

While interesting and true and at times a useful concept, I do believe that the person being quoted makes a bit much of an obvious point.

73, George W5YR
w5yr@att.net

----- Original Message -----

From: "Goody K3NG" <k3ng@qrpis.org>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 27, 2003 6:58 PM
Subject: Re: Frustrated Ham has idea?

> > You are missing one important concept; A WIRE ANTENNA IS JUST A WIRE
> > ANTENNA. This concept applies to any single wire antenna. A G5RV, a
> > Dipole fed with coax or open wire, a Windom, an Inverted V, an End fed
> > wire, are all the same. They have exactly the same pattern at any
> > frequency. The differences in them were all made to get a better feed
> > or feed point impedance.
>
> Really ? Try modeling all of these in Mininec. There's differences.

>
> >
> > Now, another heresy. All antennas have unity gain; ALL ANTENNAS,
> > including that 17 element beam. The only way to get gain from an
> > antenna is to add elements that modify the pattern.
>
> Ummm, what ? A 17 element beam does have elements to modify the pattern
(a
> reflector and directors). And the only antenna that has unity gain is the
> theoretical isotropic antenna, or am I missing something ?
>
> > Oh, and BTW, a Vertical is no better than your wire. It has unity gain
> > and is omnidirectional.
>
> But a vertical can be better than a wire, depending on the radial system
of
> the vertical and what height the dipole is at. A vertical can have a
lower
> angle of radiation than a low wire antenna which would be better for DX.
> (I'm trying to follow the thread back, and I assume we are talking DX,
right
> ?)
>
> 72
> Goody
> K3NG
>

Date: Sun, 28 Dec 2003 05:47:59 -0700 (MST)
From: Karl Larsen <k5di@zianet.com>
To: qrp-l@lehigh.edu
Subject: [163968] Old Rigs
Message-ID: <Pine.LNX.4.44.0312280544400.5296-1000000@bucket.dog>
MIME-Version: 1.0
Content-Type: TEXT/PLAIN; charset=US-ASCII

If you have been a Ham for many years, this guy has a picture of
your old rig. And whatever specs he can come up with. The site is at:

<http://www.rigpix.com/>

--

- Karl Larsen k5di Las Cruces, NM Az ScQRPions -

Date: Sun, 28 Dec 2003 08:18:56 -0500
From: "sslyon" <sslyon@megalink.net>
To: "qrp list" <qrp-l@lehigh.edu>
Subject: [163969] 160m
Message-ID: <001301c3cd45\$25d290e0\$13c8e742@megalink.net>
MIME-Version: 1.0
Content-Type: text/plain;
 charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Had unexpected, sporadic opportunities to operate some of the
160m 'test last nite and made 60 Q's or so. Hosed up the 176'
c.f. to a KD1JV 160m dds concoction and was pleasantly
surprised.

Best DX was Martinique, (path mostly over salt water) and got
first hop fairly easily over land. Heard CA, TX, AZ, CO, easily,
but couldn't connect. Only QRP guys identified were N8ET & N8VW
with great sigs.
PM prop definitely better than this pre-dawn morning which was a
waste.
73
seab
aa1my

Seabury & Sharon Lyon
99 Sparrowhawk Mtn Rd
Bethel ME, 04217 U.S.A.
207-836-2576

Virus Protection by Norton and ZoneAlarm

Date: Sun, 28 Dec 2003 08:31:45 -0500
From: W2AGN <jsielke@pobox.com>
To: qrp-l@lehigh.edu
Subject: [163970] Re: QRP-L digest 3147
Message-ID: <3FEEDB41.C652AECE@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

You might want to check this out. He has HC-49 crystals for \$2.55 + \$0.60 shipping, and is FAST! I got a 7038 and a 7042 to bracket the 7040 on my TT2. Now I can QSY!

<http://www.expandedspectrumsystems.com/prod4.html>

John W2AGN

Date: Sun, 28 Dec 2003 08:35:10 -0500
From: W2AGN <jsielke@pobox.com>
To: qrp-1@lehigh.edu
Subject: [163971] Re: eBay AT Sprint
Message-ID: <3FEEDC0E.E6696E2@pobox.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii
Content-Transfer-Encoding: 7bit

Yep, it went for \$256.99! Wow! Did look like a nice job, though. In about 10 years, they'll be going for \$500+ on eBay.

John W2AGN

Date: Sun, 28 Dec 2003 13:40:14 +0000
From: Ed Lawson <k1vp@grizzly.com>
To: k7qo@commspeed.net
Cc: "Low Power Amateur Radio Discussion" <qrp-1@Lehigh.EDU>
Subject: [163972] Re: Elecraft XG1 Review by K7QO
Message-ID: <20031228134014.056b5af3.k1vp@grizzly.com>
Mime-Version: 1.0
Content-Type: text/plain; charset=US-ASCII
Content-Transfer-Encoding: 7bit

On Sun, 28 Dec 2003 05:29:27 +0000
Chuck Adams <k7qo@commspeed.net> wrote:

> If you have a bunch of 40 meter rigs (and you can listen on the harmonics
> which I haven't tried yet), this is the kit that will allow you to compare
> receiver performance.

I found the harmonic output was as speced on 14, 21, and 28.

I have yet to do an MDS measurement on 14 and 21, but that would be interesting in comparison to 7.

It is a very nice kit and a great little tool.
Had not thought about testing headphones, but that is a great idea.

It is interesting to have a weak signal and then compare receivers as to which makes the signal more readable regardless of how much the S meter moves.
Enlightening test I find.

Wish my Argo V came out on the button as did yours, but who pays much attention to the S meter anyway. <g>

Ed Lawson
K1VP

Date: Sun, 28 Dec 2003 06:18:16 -0800 (PST)
From: Tom Sevalt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-1@Lehigh.EDU>
Subject: [163973] Re: Basic Keyer
Message-ID: <20031228141816.3429.qmail@web9609.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- Thomas Lewis <thomas_h_lewis@msn.com> wrote:
> I don't think the NorCal keyer supports straight key
> practice. If it does,
> I can't figure it out.

Actually, it does. Using the bug mode, the dah side of the paddle becomes a straight key. Instead of a paddle, a straight key could be connected.

=====
Tom Sevalt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
Free Pop-Up Blocker - Get it now
<http://companion.yahoo.com/>

Date: Sun, 28 Dec 2003 09:21:16 -0500

From: "Larry - WA2DGD" <wa2dgd@comcast.net>
To: <k7qo@commspeed.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Subject: [163974] Re: Elecraft XG1 Review by K7Q0
Message-ID: <002d01c3cd4d\$db89e890\$6579a8c0@hamroom>
MIME-Version: 1.0
Content-Type: text/plain;
charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Nice pics Chuck. You forgot the K7Q0 in the URL you gave for your pics.

73

Larry

WA2DGD

K2 #1672

ARCI QRP #11215

NJ-QRP# 395

----- Original Message -----

From: "Chuck Adams" <k7qo@commspeed.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Sunday, December 28, 2003 12:29 AM
Subject: Elecraft XG1 Review by K7Q0

>

> Gang,

>

> Received the XG1 Signal Generator kit in the US mail from Elecraft

>

> Check

>

> <http://www.qsl.net/xg1.html>

>

> for the photos. They are medium resolution with the Toshiba

> >

Date: Sun, 28 Dec 2003 08:23:56 -0600
From: "Tony Martin W4FOA" <w4foa@comcast.net>
To: <brian@iquest.net>,
"Low Power Amateur Radio Discussion" <qrp-l@lehigh.edu>
Cc: "Tony Martin W4FOA" <w4foa@comcast.net>
Subject: [163975] Re: QRP-L digest 3147
Message-ID: <000801c3cd4e\$3adc11b0\$6401a8c0@Delldude>
MIME-Version: 1.0
Content-Type: text/plain;

charset="iso-8859-1"
Content-Transfer-Encoding: 7bit

Gang,

Please excuse me if this has been addressed before or if it falls into the "stupid" category. Will the AmQRP crystals shown in the ref website work in boatanchor rigs (like the Heath AT-1, Viking Adventurer, etc.)? If so, would it be possible to physically mount the entire AmQRP crystal in an empty FT-243 crystal holder which would make it more compatible with the BA stuff. Has anyone done this and if so, shed any tips on the process?

Thanks for reading..
Tony, W4FOA

----- Original Message -----

From: "Brian Murrey" <brian@iquest.net>
To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
Sent: Saturday, December 27, 2003 11:56 PM
Subject: Re: QRP-L digest 3147

> Mail order it from Doug Hendricks and the AmQRP club. I don't know how
> long it takes to get but the prices are perfect.
>
> <http://www.amqrp.org/kits/crystals/index.html>
>
>

> ----- Original Message -----

> From: "Jonathan" <kc7fys@yahoo.com>
> To: "Low Power Amateur Radio Discussion" <qrp-l@Lehigh.EDU>
> Sent: Saturday, December 27, 2003 7:07 PM
> Subject: Re: QRP-L digest 3147
>
>

> > Hello, I'm building a Pixie2 here in Saint Paul, MN. Anybody know of a
> local place I
> > could get a crystal for 7.040 to complete my parts? I could drive a
> ways to get it.

> > Drop me an email at [kc7fys\(at\)yahoo.com](mailto:kc7fys(at)yahoo.com) if you can help.
> > Thanks,
> > kc7fys
> >

> > -----
> > Do you Yahoo!?

> > New Yahoo! Photos - easier uploading and sharing.
> > <http://photos.yahoo.com/>
> >
> >

>
>

Date: Sun, 28 Dec 2003 06:33:15 -0800 (PST)
From: Tom Sevalt <n2uhc@yahoo.com>
To: Low Power Amateur Radio Discussion <qrp-l@Lehigh.EDU>
Subject: [163976] Re: 10.104
Message-ID: <20031228143315.45957.qmail@web9607.mail.yahoo.com>
MIME-Version: 1.0
Content-Type: text/plain; charset=us-ascii

--- "Fred (VE3FAL)" <flesnick@tbaytel.net> wrote:
> It is Saturday at 15:05z and the signal is still
> present and a solid
> S-7...

It's S7 with deep fades here in SE Kansas at 1430.

=====
Tom Sevalt N2UHC
<http://www.geocities.com/n2uhc>

Do you Yahoo!?
New Yahoo! Photos - easier uploading and sharing.
<http://photos.yahoo.com/>

End of QRP-L Digest 3148

